

**Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of claims in the instant application:

**Listing of Claims:**

1. (Previously Presented) A testing method comprising the steps of:  
identifying a plurality of hosts located within a plurality of grids of a grid environment, wherein each of said hosts is a software object;  
for each of said grids, associating a passive ghost agent in said grid with each one of said identified hosts operating in said grid, wherein said passive ghost agent is configured to replicate and record at least one action of said host within said grid environment, wherein said replicated actions of said passive agents are prevented from operationally executing in said grid environment;  
moving at least one of said hosts from one of said grids to another of said grids within said grid environment;  
in response to said moving of said host, moving said passive ghost agent from said one of said grids to said another grid;  
generating test input from said recorded data; and,  
testing within said grid environment using said test input.
- 2-3. (Cancelled).
4. (Original) The method of claim 1, further comprising the steps of:  
determining operational metrics for at least one component to be tested;  
modifying said test input based upon said operational metrics.

5. (Original) The method of claim 1, wherein said hosts are disposed within a production segment of said grid environment and wherein said testing is performed within a test segment of said grid environment.
6. (Previously Presented) The method of claim 5, further comprising the steps of:  
inputting said test input into at least one active ghost agent deployed within said test segment; and,  
executing actions within said test segment based upon said active ghost agent that received said test input.
7. (Previously Presented) The method of claim 6, further comprising the step of:  
recording data relating to said testing using said deployed ghost agents.
8. (Original) The method of claim 1, wherein said hosts are associated with a specific application, wherein said testing is conducted for said application.
9. (Original) The method of claim 8, further comprising the step of:  
determining system requirements for said application based at least in part upon output from said testing.
10. (Previously Presented) The method of claim 8, said method further comprising the step of:  
gathering usage data for at least one different application using passive ghost agents.
11. (Original) The method of claim 10, said method further comprising the steps of:

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testing said specific application while simultaneously simulating load conditions resulting from said at least one different application.

12-31. (Cancelled).